

### [Interactive effects of oligofructose and obesity ...](#)

<https://www.researchgate.net/publication/274140954...>

The aim of this study was to examine the **effect** of OFS in **diet**-induced obese (DIO) and diet-resistant (DR) **rats**. Methods Adult, male DIO, and DR **rats** were randomized to: [1] high-fat/high-sucrose ...

### [Preoperative oral carbohydrate treatment attenuates ...](#)

<https://journals.physiology.org/doi/10.1152/ajpendo.2001.280.4.E576>

**Postoperative** insulin **resistance** is a well-characterized metabolic state that has been shown to correlate with the length of **postoperative** stay in hospital. Preoperative intravenous or oral carbohydrate treatment has been shown to attenuate the development of **postoperative** insulin **resistance** measured 1 day **after** surgery.

Cited by: 449

Author: Mattias Soop, Jonas Nygren, Peter Myre...

Publish Year: 2001

### [Alterations in gut microbiota during remission and ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4970478>

Aug 07, 2016 - Core tip: To determine the alteration in gut microbiota during diabetes recurrence **after** the performance of duodenal-jejunal bypass (DJB), high-fat diet (HFD)-fed and low-dose streptozotocin-injected **diabetic rats** received DJB. We used **postoperative** HFD to induce diabetes recurrence. Relative abundance of Firmicutes in diabetes-recurrence **rats** is lower than that in diabetes-remission **rats** ...

Cited by: 9

Author: Ming-Wei Zhong, Shao-Zhuang Liu, Gua...

Publish Year: 2016

### [Sleeve Gastrectomy Relieves Steatohepatitis in High-Fat ...](#)

<https://www.researchgate.net/publication/23179741...>

We sought to evaluate the **effect** of **sleeve gastrectomy** on young female **rats** with **diet**-induced obesity at the University of California, Los Angeles, David Geffen School of Medicine.

### [Impact of sleeve gastrectomy and dietary change on ...](#)

<https://www.sciencedirect.com/science/article/pii/S1743919120301503>

Mar 01, 2020 - 1. Introduction. Bariatric surgery is possibly the most successful treatment modality for morbid obesity and **sleeve gastrectomy** (SG) is the most commonly performed bariatric procedure [1,2]. SG results in long-term weight loss, along with improvements in symptoms associated with type 2 diabetes (T2DM), arterial hypertension, dyslipidaemia, and gastroesophageal reflux disease [].

Cited by: 1

Author: Jonas Dohmen, Michael Praktijnjo, Anna...

Publish Year: 2020

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Effect of oligofructose on resistance to postoperative high-fat diet-i



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### [Interactive effects of oligofructose and obesity ...](#)

<https://onlinelibrary.wiley.com/doi/full/10.1002/oby.21017>

**Oligofructose** (OFS) is a prebiotic that reduces energy intake and fat mass via changes in gut satiety hormones and microbiota. The effects of OFS may vary depending on predisposition to obesity. The aim of this study was to examine the **effect** of OFS in **diet-induced** obese (DIO) and diet-resistant (DR) **rats**...

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### [Metabolism and Metabolic Disorders and the Microbiome: ...](#)

<https://www.sciencedirect.com/science/article/pii/S0016508520355050>

Nov 27, 2020 · S. Rabot, M. Membrez, A. Bruneau, et al. Germ-free C57BL/6J mice are resistant to high-fat-diet-induced insulin **resistance** and have altered cholesterol **metabolism** FASEB J, 24 (2010), pp. 4948-4959 View Record in Scopus Google Scholar

### [Effects of Sleeve Gastrectomy on Serum 12 \$\alpha\$ -Hydroxylated ...](#)

<https://pubmed.ncbi.nlm.nih.gov/28508276>

The aim of this study was to analyze changes in 12 $\alpha$ -hydroxylated BA composition and possible associated mechanisms in **diabetic rats** following **sleeve gastrectomy** (SG). Methods: SG and sham operations were performed in **diabetic rats** induced by high-fat diet feeding and streptozotocin. Body weight, food intake, oral glucose tolerance test (OGTT ...

### [Impact of sleeve gastrectomy and dietary change on ...](#)

<https://www.sciencedirect.com/science/article/pii/S1743919120301503>

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**15**  
Name of Journal: *World Journal of Diabetes*  
Manuscript NO: 61032  
Manuscript Type: ORIGINAL ARTICLE

*Basic Study*  
Effect of oligofructose on resistance to postoperative high-fat diet-induced damage of metabolism in diabetic rats after sleeve gastrectomy

Zhong MW *et al.* Effect of oligofructose in diabetic rats

Ming-Wei Zhong, Yue Li, Yu-Gang Cheng, Qiao-Ran Liu, San-Yuan Hu, Guang-Yong Zhang

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### Sleeve Gastrectomy Alters Intestinal Permeability in Diet ...

<https://pubmed.ncbi.nlm.nih.gov/28429171>

The goal of this study was to assess the effect of sleeve gastrectomy (SG) on intestinal barrier permeability in diet-induced obese mice. Materials and methods: Four weeks after surgery, the effects of SG on intestinal permeabilities were assessed ex vivo and in vivo in male C57Bl/6J mice fed a high-fat ...

Cited by: 12

Author: Claire Blanchard, François Moreau, Julien...

Publish Year: 2017

### Sleeve Gastrectomy Relieves Steatohepatitis in High-Fat ...

<https://www.researchgate.net/publication/23179741...>

Male Wistar rats (n = 161) were subjected to surgical (sham operation and sleeve gastrectomy) or dietary interventions [fed ad libitum a normal (ND) or a high-fat (HFD) diet or pair-fed].

### Effect of vertical sleeve gastrectomy on food selection ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3469608>

Oct 15, 2012 · Vertical sleeve gastrectomy (VSG) is a restrictive procedure that reduces food intake to produce weight loss. Here we assess volume and nutrient effects on the ingestive behavior of VSG and sham surgery animals. Rats given access to Ensure or pelleted ...

Cited by: 60

Author: Adam P. Chambers, Hilary E. Wilson-Per...

Publish Year: 2012

### Impact of sleeve gastrectomy and dietary change on ...

<https://www.sciencedirect.com/science/article/pii/S1743919120301503>

Mar 01, 2020 · 1. Introduction. Bariatric surgery is possibly the most successful treatment modality for morbid obesity and sleeve gastrectomy (SG) is the most commonly performed bariatric procedure [1,2]. SG results in long-term weight loss, along with improvements in symptoms associated with type 2 diabetes (T2DM), arterial hypertension, dyslipidaemia, and gastroesophageal reflux disease [].

Cited by: 1

Author: Jonas Dohmen, Michael Praktiknjo, Anna...

Publish Year: 2020

### Diet change affects intestinal microbiota restoration and ...

<https://europepmc.org/article/PMC/PMC7669806>

Feb 14, 2020 · Results: The high-fat diet was the strongest driver of altered taxonomic composition,